CLAIMS

- 1. A protein selected from the following group of A, B, C and D;
- (A)a protein comprising the amino acid sequence shown in SEQUENCE No. 1,
- (B) a protein comprising the amino acid sequence shown in SEQUENCE No.1 deleted, substituted or added at least one amino acid residue, and having ability to transport organic anions,
 - (C) a protein comprising the amino acid sequence shown in SEQUENCE No. 2, and
- (D) a protein comprising the amino acid sequence shown in SEQUENCE No.2 deleted, substituted or added at least one amino acid residue, and having ability to transport organic.
 - 2. The proteins according to claim 1, wherein said protein is derived from human.
 - 3. The proteins according to claim 1, wherein said protein is derived from rats.
- 4. The protein according to claim 1, wherein said protein is derived from the kidney
 - 5. An isolated gene encoding the protein according to claim 1.
 - 6. An isolated gene selected from the following group of a, b, c and d;
 - (a) a DNA comprising nucleotide sequence shown in SEQUENCE No. 1,
- (b) a DNA being able to hybridize with DNA shown in SEQUENCE No. 1 in stringent condition and encoding a protein with ability to transport organic anion,
 - (c) a DNA comprising nucleotide sequence shown in SEQUENCE No. 2, and
- (d) a DNA being able to hybridize with DNA shown in SEQUENCE No. 2 in stringent condition and encoding a protein with ability to transport organic anion.
 - 7. The gene according to claim 6, wherein said protein is derived from human
 - 8. The gene according to claim 6, wherein said protein is derived from rats.

- 9. The gene according to claim 6, wherein said protein is derived from the kidney
- 10. A plasmid containing regions encoding the gene according to claims 5-9 or regions encoding the protein in said gene.
 - 11. The plasmid according to claim 10 is expressed plasmid.
 - 12. A host cell transformed with the plasmid according to claim 10.
- 13. A nucleotide comprising the partial sequence comprised of continuous at least 14 bases shown in SEQUENCES Nos. 1 and 2 or complementary thereof.
- 14. The nucleotide according to claim 13, wherein said nucleotide is used as a probe to detect the DNA encoding protein with ability to transport organic anions.
- 15. The nucleotide according to claim 13, wherein is said nucleotide is used to regulate an expression of proteins with ability to transport organic anions.
 - 16. An antibody for the protein according to claims 1 to 4.
- 17. Method for screening the substrate effect of tested compound to ability of the transport of organic anions with the protein according to claims 1 to 4.

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